

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Lin, et al.

Serial No.: 08/182,183

Group Art Unit No.: 1645

Filed: May 23, 1994

Examiner: Robert C. Hayes

For: Glial Cell Line-Derived Neurotrophic Factor

Docket No.: SYNE-225E (SYNE225/C4-US)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

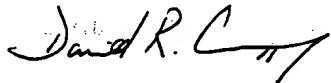
Sir:

Under the guidelines of 37 C.F.R. 1.97, applicants submit a copy of each of the references listed on the attached supplemental PTO-1449 (Modified) form for consideration by the Examiner.

Applicants request consideration of this information and passage of the application to issue.

The Commissioner is hereby authorized to charge any filing fees which may be required or credit any overpayment to Deposit Account No. 01-0519 in the name of Amgen, Inc. An original and one copy of this paper are enclosed.

Respectfully submitted,



Daniel R. Curry  
Attorney for Applicants  
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Date: November 5, 1998

Please send all future correspondence to:

U.S. Patent Operations/DRC  
Dept. 430, M/S 27-4-A  
AMGEN INC.  
One Amgen Center Drive  
Thousand Oaks, California 91320-1799

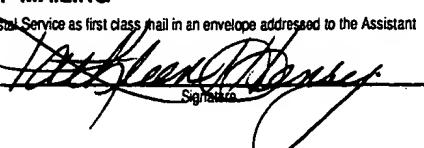
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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, on the date appearing below.

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Modified Form PTO-1449

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Lin, et al.

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**LIST OF REFERENCES CITED BY APPLICANT**

(Use several sheets if necessary)

**U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
AA	5,089,396	Feb 18, 1992	Mason et al.			
AB	5,270,181	Dec 14, 1993	McCoy et al.			
AC	5,284,763	Feb 8, 1994	Derynk et al.			
AD	5,324,819	Jun 28, 1994	Oppermann et al.			
AE	5,374,548	Dec 20, 1994	Ingrid W. Carras			
AF	5,427,780	Jun 27, 1995	Cate et al.			
AG	5,428,130	Jun 27, 1995	Capon et al.			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES	TRANSLATION NO
BA							

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

CA	Balbas et al. (1986), 'Plasmid vector pBR322 and its special-purpose derivatives - a review', <i>Gene</i> , <u>50</u> :3-40.
CB	Das, A. (1990), 'Overproduction of Proteins in <i>Escherichia coli</i> : Vectors, Hosts, and Strategies', <i>Methods Enzymol.</i> , <u>182</u> :93-112.
CC	Engele et al. (1991), 'Conditioned Media Derived From Glial Cell Lines Promote Survival and Differentiation of Dopaminergic Neurons In Vitro: Role of Mesencephalic Glia', <i>J Neurosci Res</i> , <u>30</u> :359-371.
CD	Goding (1983), 'Production of Monoclonal Antibodies', <i>Monoclonal Antibodies: Principles and Practice</i> , Academic Press, Orlando, pp. 56-97.
CE	Harlow et al. (1988), 'Monoclonal antibodies are powerful immunochemical tools,' <i>Antibodies: A Laboratory Manual</i> , Cold Spring Harbor Publications, Cold Spring Harbor. pp. 141-142.
CF	Hefti (1994), 'Neurotrophic Factor Therapy for Nervous System Degenerative Diseases,' <i>J of Neurobiology</i> , <u>25</u> (11):1418-1435.
CG	Hou et al. (1996), 'Glial Cell Line-Derived Neurotrophic Factor Exerts Neurotrophic Effects on Dopaminergic Neurons In Vitro and Promotes Their Survival and Regrowth After Damage by 1-Methyl-4-Phenylpyridinium', <i>J of Neurochemistry</i> , <u>66</u> (1):74-82.
CH	Jordan et al. (1997), 'Bone Morphogenetic Proteins: Neurotrophic Roles for Midbrain Dopaminergic Neurons and Implications of Astroglial Cells', <i>Euro J Neurosci</i> , <u>9</u> (8):1699-1709.
CI	Kimura et al. (1990), 'Structure, expression and function of a schwannoma-derived growth factor', <i>Nature</i> <u>348</u> :257-260.
CJ	Selinfreund et al. (1991), 'Neurotrophic protein S100 $\beta$ stimulates glial cell proliferation', <i>Proc. Natl. Acad. Science USA</i> , <u>88</u> :3554-3558.
CK	Sieber et al. (1995), 'Differential Survival Effects of GDNF, TGF $\beta$ s and Type 1 Astrocyte-Conditioned Medium on Ventral Mesencephalic Dopamine Neurons in Culture', <i>Soc of Neuroscience Abstracts</i> <u>21</u> (1-3):539 Abstract 224.14.

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Modified Form PTO-1449		Atty. Docket No.	Serial No.
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(Use several sheets if necessary)		Filing Date	Group
		May 23, 1994	1645

EXAMINER'S INITIALS

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	DA	Urushizaki et al. (1987), 'Cloning and Expression of the Gene for Human Transforming Growth Factor- $\beta$ in Escherichia Coli', <i>Tumor Rsh.</i> 22:41-55.
	DB	Watson et al. (1987), <i>Mol. Bio of the Gene</i> , 4th Ed., Benjamin Cummings Co., pg 607.
	DC	Yarrantan et al. (1984), 'Dual-origin plasmid vectors whose origin of replication is controlled by the coliphage lambda promoter p', <i>Gene</i> , 28(3):293-300.
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